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| | SINCE FILE ENTRY | TOTAL SESSION |
|---|---|---|
| FULL ESTIMATED COST | 0.21 | 0.21 |

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CA INDEXING COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPAT2' ENTERED AT 13:18:48 ON 04 JUN 2008
CA INDEXING COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

=> s polymer film# and polyazole#
L1 64 POLYMER FILM# AND POLYAZOLE#

=> s l1 and benzimidazole#
L2 51 L1 AND BENZIMIDAZOLE#

=> s l2 and aromatic tetraamin# compound#
L3 20 L2 AND AROMATIC TETRAAMIN# COMPOUND#

=> s l3 and aromatic carboxylic acid#
L4 20 L3 AND AROMATIC CARBOXYLIC ACID#

=> s l4 and polyphosphoric acid#
L5 18 L4 AND POLYPHOSPHORIC ACID#

=> s l5 and heat#
L6 17 L5 AND HEAT#

=> s l5 and heat?
L7 18 L5 AND HEAT?

=> s l7 and inert gas
L8 18 L7 AND INERT GAS

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=> s 18 and dry?
L9          18 L8 AND DRY?

=> s 19 and solution# and dispers?
L10         18 L9 AND SOLUTION# AND DISPERS?

=> d l10 1-18

L10    ANSWER 1 OF 18    EPFULL   COPYRIGHT 2008 EPO/FIZ KA on STN

AN     2004:160174   EPFULL  EDP 20060223  ED 20060223  UP 20060830
       DUPD 20060830 DUPW 200635
TIEN   Long-life membrane electrode assemblies.
TIFR   Unites membrane-electrodes a longue duree.
TIDE   Membran-Elektrodeneinheiten mit langer Lebensdauer.
IN     The designation of the inventor has not yet been filed
PA     Pemeas GmbH, 65926 Frankfurt am Main, DE
PAN    4944860
AG     Luderschmidt, Schueler & Partner, Patentanwaelte, Industriepark Hoechst,
       Geb. F821, 65926 Frankfurt am Main, DE
AGN    101418
DT     Patent
LAF    English
LA     English
LAP    English
TL     German; English; French
PIT    EPA2 Application published without search report
PI     EP 1624512          A2 20060208
DS     AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO
       SE SI SK TR
       EXTENSION STATES: AL HR LT LV MK
AI     EP 2004-25081       A  20041021
PRAI   EP 2004-18600       A  20040805
IPCI   H01M0008-02 [I,A]; H01M0008-10 [I,A]
       H01M0008-02 [I,C*]; H01M0008-10 [I,C*]

L10    ANSWER 2 OF 18    PCTFULL   COPYRIGHT 2008 Univentio on STN
AN     2006013108 PCTFULL  ED 20060331  EW 200606
TIEN   LONG-LIFE MEMBRANE ELECTRODE ASSEMBLIES
TIFR   ENSEMBLES ELECTRODES-MEMBRANE LONGUE DUREE
IN     HOPPES, Glen, Fuchstanzstrasse 20, 60489 Frankfurt, DE;
       PUFFER, Raymond, 196 Boght Road, Watervliet, NY 12189, US
PA     PEMEAS GMBH, Industriepark Hoechst, 65926 Frankfurt am Main, DE
AG     DOeRR, Klaus et al., Industriepark Hoechst Geb. F821, 65926 Frankfurt am
       Main, DE
LAF    English
LA     English
DT     Patent
PI     WO 2006013108       A2 20060209
DS     W:              AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR
                       CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID
                       IL IN IS JP KE KG KM KP KR KZ LC LK LR LS LT LU LV MA MD
                       MG MK MN MW MX MZ NA NG NI NO NZ OM PG PH PL PT RO RU SC
                       SD SE SG SK SL SM SY TJ TM TN TR TT TZ UA UG US UZ VC VN
                       YU ZA ZM ZW
       RW (ARIPO):     BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW
       RW (EAPO):      AM AZ BY KG KZ MD RU TJ TM
       RW (EPO):       AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT
                       LU LV MC NL PL PT RO SE SI SK TR
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       RW (OAPI):    BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
PRAI   EP 2004-04018600         20040805
       EP 2004-04025081         20041021
       US 2004-60620747         20041021
AI     WO 2005-EP8488       A   20050805
IPCI   H01M0008-02 [I,A]; H01M0008-10 [I,A]; H01M0008-24 [I,A]
       H01M0008-02 [I,C*]; H01M0008-10 [I,C*]; H01M0008-24 [I,C*]

L10  ANSWER 3 OF 18  USPATFULL on STN
AN     2008:65441  USPATFULL
TI     Proton-Conducting Membrane and Use Thereof
IN     Calundann, Gordon, North Plainfield, NJ, UNITED STATES
       Sansone, Michael J., Berkeley Heights, NJ, UNITED STATES
       Uensal, Oemer, Mainz, GERMANY, FEDERAL REPUBLIC OF
       Kiefer, Joachim, Losheim Am See, GERMANY, FEDERAL REPUBLIC OF
PI     US 20080057358      A1  20080306
AI     US 2007-930764      A1  20071031 (11)
RLI    Division of Ser. No. US 2003-472814, filed on 24 Dec 2003, PENDING A 371
       of International Ser. No. WO 2002-EP3900, filed on 9 Apr 2002
PRAI   DE 2001-10117686    20010409
DT     Utility
FS     APPLICATION
LN.CNT 951
INCL   INCLM: 429/012.000
       INCLS: 524/706.000
NCL    NCLM:  429/012.000
       NCLS:  524/706.000
IC     IPCI   H01M0008-00 [I,A]; C08L0079-00 [I,A]; H01M0004-00 [I,A]
       IPCR   H01M0008-00 [I,C]; H01M0008-00 [I,A]; C08L0079-00 [I,C];
              C08L0079-00 [I,A]; H01M0004-00 [I,C]; H01M0004-00 [I,A]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10  ANSWER 4 OF 18  USPATFULL on STN
AN     2008:57673  USPATFULL
TI     Proton-Conducting Membrane and the Use Thereof
IN     Calundann, Gordon, North Plainfield, NJ, UNITED STATES
       Sansone, Michael J., Berkeley Heights, NJ, UNITED STATES
       Uensal, Oemer, Mainz, GERMANY, FEDERAL REPUBLIC OF
       Kiefer, Joachim, Losheim Am See, GERMANY, FEDERAL REPUBLIC OF
PI     US 20080050514      A1  20080228
AI     US 2007-930704      A1  20071031 (11)
RLI    Division of Ser. No. US 2003-472814, filed on 24 Dec 2003, PENDING A 371
       of International Ser. No. WO 2002-EP3900, filed on 9 Apr 2002
PRAI   DE 2001-10117686    20010409
DT     Utility
FS     APPLICATION
LN.CNT 1066
INCL   INCLM: 427/115.000
NCL    NCLM:  427/115.000
IC     IPCI   B05D0005-12 [I,A]
       IPCR   B05D0005-12 [I,C]; B05D0005-12 [I,A]; B01D0067-00 [I,C*];
              B01D0067-00 [I,A]; B01D0071-00 [I,C*]; B01D0071-62 [I,A];
              C08G0073-00 [I,C*]; C08G0073-18 [I,A]; C08J0005-20 [I,C*];
              C08J0005-22 [I,A]; H01M0008-10 [I,C*]; H01M0008-10 [I,A]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10  ANSWER 5 OF 18  USPATFULL on STN
AN     2007:284336  USPATFULL
TI     Membrane Electrode Units and Fuel Cells with an Increased Service Life
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IN      Schmidt, Thomas, Frankfurt, GERMANY, FEDERAL REPUBLIC OF
        Padberg, Christoph, Wiesbaden, GERMANY, FEDERAL REPUBLIC OF
        Hoppes, Glen, Frankfurt, GERMANY, FEDERAL REPUBLIC OF
        Ott, Detlef, Sulzbach, GERMANY, FEDERAL REPUBLIC OF
        Rat, Francis, Ransbach-Baumbach, GERMANY, FEDERAL REPUBLIC OF
        Jantos, Marc, Bad Homburg, GERMANY, FEDERAL REPUBLIC OF
PA      PEMEAS GMBH, Frankfurt am Main, GERMANY, FEDERAL REPUBLIC OF, 65926
        (non-U.S. corporation)
PI      US 20070248889      A1  20071025
AI      US 2005-572344      A1  20050721 (11)
        WO 2005-EP7946          20050721
                                20070508  PCT 371 date
PRAI    DE 2004-102004035309200407 21
DT      Utility
FS      APPLICATION
LN.CNT 1788
INCL    INCLM: 429/309.000
NCL     NCLM:  429/309.000
IC      IPCI   H01M0006-18 [I,A]
        IPCR   H01M0006-18 [I,C]; H01M0006-18 [I,A]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10  ANSWER 6 OF 18  USPATFULL on STN
AN      2007:284310  USPATFULL
TI      Membrane-Electrode Unit and Fuel Elements with Increased Service Life
IN      Pawlik, Jurgen, Battenwerg, GERMANY, FEDERAL REPUBLIC OF
        Uensal, Oemer, Mainz, GERMANY, FEDERAL REPUBLIC OF
        Schmidt, Thomas, Frankfurt, GERMANY, FEDERAL REPUBLIC OF
        Padberg, Christoph, Wiesbaden, GERMANY, FEDERAL REPUBLIC OF
        Hoppes, Glen, Frankfurt, GERMANY, FEDERAL REPUBLIC OF
PI      US 20070248863      A1  20071025
AI      US 2005-573105      A1  20050805 (11)
        WO 2005-EP8487          20050805
                                20070626  PCT 371 date
PRAI    EP 2004-18600       20040805
DT      Utility
FS      APPLICATION
LN.CNT 1762
INCL    INCLM: 429/030.000
        INCLS: 427/115.000; 429/306.000
NCL     NCLM:  429/030.000
        NCLS:  427/115.000; 429/306.000
IC      IPCI   H01M0008-10 [I,A]
        IPCR   H01M0008-10 [I,C]; H01M0008-10 [I,A]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10  ANSWER 7 OF 18  USPATFULL on STN
AN      2007:231975  USPATFULL
TI      Anisotropic Shaped Bodies, Method For The Production And Utilization Of
        Anisotropic Shaped Bodies
IN      Uensal, Oemer, Mainz, GERMANY, FEDERAL REPUBLIC OF
        Belack, Jorg, Mainz, GERMANY, FEDERAL REPUBLIC OF
PI      US 20070203252      A1  20070830
AI      US 2005-569080      A1  20050513 (11)
        WO 2005-EP5283          20050513
                                20061114  PCT 371 date
PRAI    DE 2004-102004024169200405 14
DT      Utility
FS      APPLICATION
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LN.CNT 1419
INCL    INCLM: 521/027.000
        INCLS: 429/033.000
NCL     NCLM:  521/027.000
        NCLS:  429/033.000
IC      IPCI   C08J0005-22 [I,A]; C08J0005-20 [I,C*]; H01M0008-10 [I,A]
        IPCR   C08J0005-20 [I,C]; C08J0005-22 [I,A]; C08J0005-18 [I,C*];
               C08J0005-18 [I,A]; C08J0007-00 [I,C*]; C08J0007-06 [I,A];
               H01M0008-10 [I,C]; H01M0008-10 [I,A]

L10  ANSWER 8 OF 18  USPATFULL on STN
AN      2007:62900  USPATFULL
TI      Proton-conducting polymer membrane containing polymers with sulfonic
        acid groups that are covalently bonded to aromatic groups, membrane
        electrode unit, and use thereof in fuel cells
IN      Kiefer, Joachi, Losheim am See, GERMANY, FEDERAL REPUBLIC OF
        Uensal, Oemer, Mainz, GERMANY, FEDERAL REPUBLIC OF
PA      PEMEAS GMBH, FRANKFURT, GERMANY, FEDERAL REPUBLIC OF (non-U.S.
        corporation)
PI      US 20070055045       A1  20070308
AI      US 2004-570637       A1  20040904 (10)
        WO 2004-EP9900           20040904
                                 20060303  PCT 371 date
PRAI    DE 2003-10340927     20030904
DT      Utility
FS      APPLICATION
LN.CNT 1474
INCL    INCLM: 528/373.000
NCL     NCLM:  528/373.000
IC      IPCI   C08G0075-00 [I,A]
        IPCR   C08G0075-00 [I,C]; C08G0075-00 [I,A]; H01M0004-86 [N,C*];
               H01M0004-86 [N,A]; H01M0004-90 [N,C*]; H01M0004-92 [N,A];
               H01M0008-10 [I,C*]; H01M0008-10 [I,A]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10  ANSWER 9 OF 18  USPATFULL on STN
AN      2006:247491  USPATFULL
TI      Proton-conducting membrane and use thereof
IN      Calundann, Gordon, North Plainfield, NJ, UNITED STATES
        Uensal, Oemer, Mainz, GERMANY, FEDERAL REPUBLIC OF
        Benicewicz, Brian, Loundonville, NY, UNITED STATES
        Scanlon, Eugene, Troy, NY, UNITED STATES
PI      US 20060210881       A1  20060921
AI      US 2004-566135       A1  20040723 (10)
        WO 2004-EP8229           20040723
                                 20060127  PCT 371 date
PRAI    EP 2003-17027        20030727
DT      Utility
FS      APPLICATION
LN.CNT 944
INCL    INCLM: 429/303.000
NCL     NCLM:  429/303.000
IC      IPCI   H01M0006-14 [I,A]
        IPCR   H01M0006-14 [I,C]; H01M0006-14 [I,A]; H01M0008-02 [I,C*];
               H01M0008-02 [I,A]; H01M0008-10 [I,C*]; H01M0008-10 [I,A]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10  ANSWER 10 OF 18  USPATFULL on STN
AN      2006:67231  USPATFULL
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TI Proton-conducting membrane and the use thereof
IN Calundann, Gordon, North Plainfield, NJ, UNITED STATES
Sansone, Michael J, Berkeley Heights, NJ, UNITED STATES
Uensal, Oemer, Mainz, GERMANY, FEDERAL REPUBLIC OF
Kiefer, Joachim, Losheim am See, GERMANY, FEDERAL REPUBLIC OF
PI US 20060057449 A1 20060316
AI US 2003-519281 A1 20030614 (10)
WO 2003-EP6308 20030614
20050804 PCT 371 date
PRAI DE 2002-10228657 20020627
DT Utility
FS APPLICATION
LN.CNT 976
INCL INCLM: 429/033.000
INCLS: 521/027.000; 429/314.000
NCL NCLM: 429/033.000
NCLS: 429/314.000; 521/027.000
IC IPCI C08J0005-22 [I,A]; C08J0005-20 [I,C*]; H01M0008-10 [I,A]
IPCR C08J0005-20 [I,C]; C08J0005-22 [I,A]; B01D0071-00 [I,C*];
B01D0071-62 [I,A]; B01D0071-82 [I,A]; C08G0073-00 [I,C*];
C08G0073-06 [I,A]; C08G0073-08 [I,A]; C08G0073-18 [I,A];
C08G0073-22 [I,A]; H01M0008-10 [I,C]; H01M0008-10 [I,A]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 11 OF 18 USPATFULL on STN
AN 2006:15684 USPATFULL
TI Membrane electrode unit comprising a polyimide layer
IN Pawlik, Jurgen, Frankfurt, GERMANY, FEDERAL REPUBLIC OF
Baurmeister, Jochen, Eppstein, GERMANY, FEDERAL REPUBLIC OF
Padberg, Christoph, Wiesbaden, GERMANY, FEDERAL REPUBLIC OF
PA PEMEAS GmbH, Frankfurt, GERMANY, FEDERAL REPUBLIC OF, D-65926 (non-U.S. corporation)
PI US 20060014065 A1 20060119
AI US 2003-523463 A1 20030731 (10)
WO 2003-EP8460 20030731
20050613 PCT 371 date
PRAI DE 2002-10235360 20020802
DT Utility
FS APPLICATION
LN.CNT 876
INCL INCLM: 429/030.000
INCLS: 429/042.000; 429/033.000
NCL NCLM: 429/030.000
NCLS: 429/033.000; 429/042.000
IC IPCI H01M0008-10 [I,A]; H01M0004-86 [I,A]
IPCR H01M0008-10 [I,A]; H01M0004-86 [I,C]; H01M0004-86 [I,A];
H01M0008-02 [I,C*]; H01M0008-02 [I,A]; H01M0008-10 [I,C]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 12 OF 18 USPATFULL on STN
AN 2005:293746 USPATFULL
TI Polymer film based on polyazoles, and uses thereof
IN Kiefer, Joachim, Losheim am See, GERMANY, FEDERAL REPUBLIC OF
Calundann, Gordon, North Plainfield, NJ, UNITED STATES
Uensal, Oemer, Mainz, GERMANY, FEDERAL REPUBLIC OF
Baurmeister, Jochen, Eppstein, GERMANY, FEDERAL REPUBLIC OF
Jordt, Frauke, Eppstein, GERMANY, FEDERAL REPUBLIC OF
PI US 20050256296 A1 20051117

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AI     US 2003-525590      A1  20030814 (10)
       WO 2003-EP9020          20030814
                               20050524  PCT 371 date
PRAI   DE 2002-10239701    20020829
DT     Utility
FS     APPLICATION
LN.CNT 840
INCL   INCLM: 528/327.000
NCL    NCLM:  528/327.000
IC     [7]
       ICM    C08G069-00
       IPCI   C08G0069-00 [ICM,7]
       IPCR   B01D0053-22 [I,C*]; B01D0053-22 [I,A]; B01D0061-02 [I,C*];
              B01D0061-02 [I,A]; B01D0061-14 [I,C*]; B01D0061-14 [I,A];
              B01D0061-24 [I,C*]; B01D0061-24 [I,A]; B01D0061-42 [I,C*];
              B01D0061-46 [I,A]; B01D0071-00 [I,C*]; B01D0071-62 [I,A];
              C08G0073-00 [I,C*]; C08G0073-06 [I,A]; C08G0073-18 [I,A];
              C08G0073-22 [I,A]; C08J0005-18 [I,C*]; C08J0005-18 [I,A];
              C08L0079-00 [I,C*]; C08L0079-06 [I,A]; D01F0006-58 [I,C*];
              D01F0006-74 [I,A]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10  ANSWER 13 OF 18  USPATFULL on STN
AN     2005:280748  USPATFULL
TI     Proton-conducting polymer membrane comprising a polymer with sulphonic
       acid groups and use thereof in fuel cells
IN     Kiefer, Joachim, Losheim am See, GERMANY, FEDERAL REPUBLIC OF
       Uensal, Oemer, Mainz, GERMANY, FEDERAL REPUBLIC OF
       Calundann, Gordon, North Plainfield, NJ, UNITED STATES
PI     US 20050244695      A1  20051103
       US 7332530          B2  20080219
AI     US 2003-523373      A1  20030731 (10)
       WO 2003-EP8462          20030731
                               20050323  PCT 371 date
PRAI   DE 2002-10235356    20020802
       DE 2003-10235357    20020802
DT     Utility
FS     APPLICATION
LN.CNT 1441
INCL   INCLM: 429/033.000
       INCLS: 521/027.000
NCL    NCLM:  521/027.000; 429/033.000
       NCLS:  429/030.000; 429/033.000; 521/030.000; 526/286.000
IC     [7]
       ICM    H01M008-10
       ICS    C08J005-22
       IPCI   H01M0008-10 [ICM,7]; C08J0005-22 [ICS,7]; C08J0005-20 [ICS,7,C*]
       IPCI-2 C08J0005-22 [I,A]; C08J0005-20 [I,C*]; H01M0008-10 [I,A]
       IPCR   C08J0005-20 [I,C]; C08J0005-22 [I,A]; B01D0067-00 [I,C*];
              B01D0067-00 [I,A]; B01D0069-00 [I,C*]; B01D0069-14 [I,A];
              B01D0071-00 [I,C*]; B01D0071-62 [I,A]; B01D0071-64 [I,A];
              B01D0071-72 [I,A]; C08G0061-00 [I,C*]; C08G0061-12 [I,A];
              C08G0073-00 [I,C*]; C08G0073-06 [I,A]; C08G0073-08 [I,A];
              C08G0073-10 [I,A]; C08G0073-18 [I,A]; C08G0073-22 [I,A];
              C08G0079-00 [I,C*]; C08G0079-04 [I,A]; H01M0008-10 [I,C];
              H01M0008-10 [I,A]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10  ANSWER 14 OF 18  USPATFULL on STN
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AN 2005:280747 USPATFULL
TI Proton-conducting polymer membrane comprising polymers containing phosphonic acid groups and its use in fuel cells
IN Kiefer, Joachim, Losheim Am See, GERMANY, FEDERAL REPUBLIC OF
Uensal, Oemer, Mainz, GERMANY, FEDERAL REPUBLIC OF
Calundann, Gordon, North Plainfield, NY, UNITED STATES
PA Pemeas Gmbh, Frankfurt, GERMANY, FEDERAL REPUBLIC OF, D-65926 (non-U.S. corporation)
PI US 20050244694 A1 20051103
AI US 2003-522839 A1 20030731 (10)
WO 2003-EP9461 20030731
20050606 PCT 371 date
PRAI DE 2002-1023538 20020802
DT Utility
FS APPLICATION
LN.CNT 1176
INCL INCLM: 429/033.000
INCLS: 521/027.000; 429/042.000
NCL NCLM: 429/033.000
NCLS: 429/042.000; 521/027.000
IC [7]
ICM H01M008-10
ICS C08J005-22; H01M004-86
IPCI H01M0008-10 [ICM,7]; C08J0005-22 [ICS,7]; C08J0005-20 [ICS,7,C*]; H01M0004-86 [ICS,7]
IPCR C08J0007-00 [I,C*]; C08J0007-04 [I,A]; B01D0071-00 [I,C*]; B01D0071-58 [I,A]; C08G0073-00 [I,C*]; C08G0073-06 [I,A]; C08J0005-20 [I,C*]; C08J0005-22 [I,A]; H01B0001-06 [I,C*]; H01B0001-06 [I,A]; H01B0013-00 [I,C*]; H01B0013-00 [I,A]; H01M0004-86 [I,C*]; H01M0004-86 [I,A]; H01M0004-88 [I,C*]; H01M0004-88 [I,A]; H01M0008-02 [I,C*]; H01M0008-02 [I,A]; H01M0008-10 [I,C*]; H01M0008-10 [I,A]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 15 OF 18 USPATFULL on STN
AN 2004:240374 USPATFULL
TI Method for producing a plasma-polymerized polymer electrolyte membrane and a polyazol membrane coated by plasma-polymerization
IN Muller, Jorg, Buchholz, GERMANY, FEDERAL REPUBLIC OF
Mex, Laurent, Asendorf, GERMANY, FEDERAL REPUBLIC OF
PI US 20040186189 A1 20040923
AI US 2003-482354 A1 20031229 (10)
WO 2002-EP7734 20020711
PRAI DE 2001-10133739 20010711
DT Utility
FS APPLICATION
LN.CNT 949
INCL INCLM: 521/027.000
INCLS: 429/033.000; 204/296.000
NCL NCLM: 521/027.000
NCLS: 204/296.000; 429/033.000
IC [7]
ICM C08J005-22
ICS H01M008-10; C25B013-04
IPCI C08J0005-22 [ICM,7]; C08J0005-20 [ICM,7,C*]; H01M0008-10 [ICS,7]; C25B0013-04 [ICS,7]; C25B0013-00 [ICS,7,C*]
IPCR B65D0025-20 [I,C*]; B65D0025-20 [I,A]; B65F0001-14 [I,C*]; B65F0001-14 [I,A]; G09F0003-08 [I,C*]; G09F0003-20 [I,A]; G09F0007-02 [I,C*]; G09F0007-10 [I,A]

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CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 16 OF 18 USPATFULL on STN
AN 2004:126755 USPATFULL
TI Proton-comducting membrane and the use thereof
IN Calundann, Gordon, North Plainfield, NJ, UNITED STATES
Sansone, Michael J., Berkeley Heights, NJ, UNITED STATES
Uensal, Oemer, Mainz, GERMANY, FEDERAL REPUBLIC OF
Kiefer, Joachim, Losheim Am See, GERMANY, FEDERAL REPUBLIC OF
PI US 20040096734 A1 20040520
AI US 2003-472814 A1 20031224 (10)
WO 2002-EP3900 20020409
PRAI DE 2001-10117686 20010409
DT Utility
FS APPLICATION
LN.CNT 1106
INCL INCLM: 429/137.000
INCLS: 429/246.000; 429/033.000; 521/027.000
NCL NCLM: 429/137.000
NCLS: 429/033.000; 429/246.000; 521/027.000
IC [7]
ICM H01M002-16
ICS H01M008-10; C08J005-22
IPCI H01M0002-16 [ICM,7]; H01M0008-10 [ICS,7]; C08J0005-22 [ICS,7];
C08J0005-20 [ICS,7,C*]
IPCR B01D0067-00 [I,C*]; B01D0067-00 [I,A]; B01D0071-00 [I,C*];
B01D0071-62 [I,A]; C08G0073-00 [I,C*]; C08G0073-18 [I,A];
C08J0005-20 [I,C*]; C08J0005-22 [I,A]; H01M0008-10 [I,C*];
H01M0008-10 [I,A]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 17 OF 18 USPAT2 on STN
AN 2005:280748 USPAT2
TI Proton-conducting polymer membrane comprising a polymer with sulphonic
acid groups and use thereof in fuel cells
IN Kiefer, Joachim, Losheim am See, GERMANY, FEDERAL REPUBLIC OF
Uensal, Oemer, Mainz, GERMANY, FEDERAL REPUBLIC OF
Calundann, Gordon, North Plainfield, NJ, UNITED STATES
PA Celanese Ventures GmbH, Frankfurt am Main, GERMANY, FEDERAL REPUBLIC OF
(non-U.S. corporation)
PI US 7332530 B2 20080219
WO 2004015803 20040219
AI US 2003-523373 20030731 (10)
WO 2003-EP8462 20030731
20050323 PCT 371 date
PRAI DE 2002-10235356 20020802
DE 2002-10235357 20020802
DT Utility
FS GRANTED
LN.CNT 1491
INCL INCLM: 521/027.000
INCLS: 521/030.000; 429/030.000; 429/033.000; 526/286.000
NCL NCLM: 521/027.000; 429/033.000
NCLS: 429/030.000; 429/033.000; 521/030.000; 526/286.000
IC IPCI H01M0008-10 [ICM,7]; C08J0005-22 [ICS,7]; C08J0005-20 [ICS,7,C*]
IPCI-2 C08J0005-22 [I,A]; C08J0005-20 [I,C*]; H01M0008-10 [I,A]
IPCR C08J0005-20 [I,C]; C08J0005-22 [I,A]; B01D0067-00 [I,C*];
B01D0067-00 [I,A]; B01D0069-00 [I,C*]; B01D0069-14 [I,A];
B01D0071-00 [I,C*]; B01D0071-62 [I,A]; B01D0071-64 [I,A];

ductruong

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              B01D0071-72 [I,A]; C08G0061-00 [I,C*]; C08G0061-12 [I,A];
              C08G0073-00 [I,C*]; C08G0073-06 [I,A]; C08G0073-08 [I,A];
              C08G0073-10 [I,A]; C08G0073-18 [I,A]; C08G0073-22 [I,A];
              C08G0079-00 [I,C*]; C08G0079-04 [I,A]; H01M0008-10 [I,C];
              H01M0008-10 [I,A]
EXF     521/27; 521/30; 429/33; 429/30; 526/286
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10  ANSWER 18 OF 18  USPAT2 on STN
AN      2004:166098  USPAT2
TI      Proton-conducting membrane and use thereof
IN      Calundann, Gordon, North Plainfield, NJ, UNITED STATES
        Sansone, Michael J., Berkeley Heights, NJ, UNITED STATES
        Uensal, Oemer, Mainz, GERMANY, FEDERAL REPUBLIC OF
        Kiefer, Joachim, Losheim am See, GERMANY, FEDERAL REPUBLIC OF
PA      PEMEAS GmbH, GERMANY, FEDERAL REPUBLIC OF (non-U.S. corporation)
PI      US 7235320          B2  20070626
        WO 2002081547       20021017
AI      US 2002-472810          20020409 (10)
        WO 2002-EP3901          20020409
                                20040210  PCT 371 date
PRAI    DE 2001-10117687    20010419
DT      Utility
FS      GRANTED
LN.CNT 853
INCL    INCLM: 429/030.000
        INCLS: 429/033.000; 548/335.100; 548/343.500; 548/219.000; 548/146.000;
               548/348.000; 548/156.000
NCL     NCLM:  429/030.000; 521/027.000
        NCLS:  429/033.000; 525/540.000; 548/146.000; 548/156.000; 548/219.000;
               548/335.100; 548/343.500
IC      IPCI   C08J0005-20 [ICM,7]
        IPCI-2 H01M0008-10 [I,A]
        IPCR   H01M0008-10 [I,C]; H01M0008-10 [I,A]; B01D0071-00 [I,C*];
               B01D0071-62 [I,A]; C08G0073-00 [I,C*]; C08G0073-06 [I,A];
               C08G0073-18 [I,A]; C08J0005-20 [I,C*]; C08J0005-22 [I,A];
               H01B0001-06 [I,C*]; H01B0001-06 [I,A]; H01M0008-02 [I,C*];
               H01M0008-02 [I,A]
EXF     429/30; 429/33; 548/335.1; 548/343.5; 548/219; 548/146; 548/348; 548/156
CAS INDEXING IS AVAILABLE FOR THIS PATENT.


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